

CAB530RF: I-PEX MHF 4L + SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68 + ϕ 1.37MM LOW LOSS CABLE, 8GHz

SPECIFICATIONS :

1. I-PEX MHF4L PLUG, P/N: 20632-001R-37.
2. ϕ 1.37MM LOW LOSS COAXIAL CABLE, COLOR: BLACK.
3. SMA STRAIGHT BULKHEAD JACK WITH O-RING RATED TO IP67/68, P/N: RFCT-SMA108-F37.

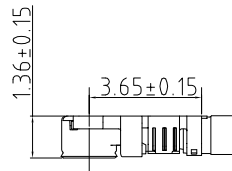
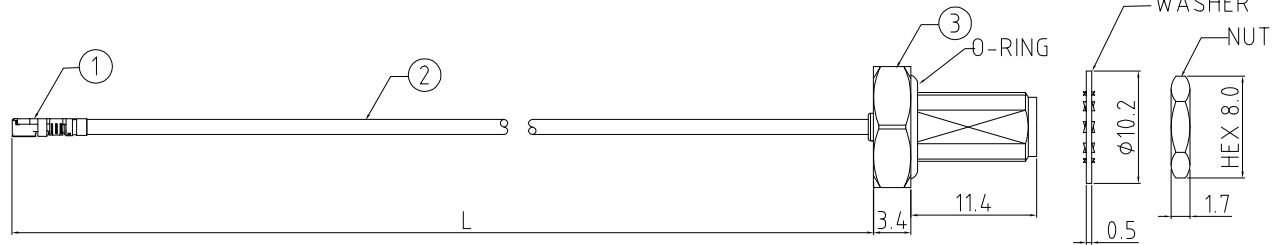
USAGE PRECAUTIONS: CABLES USING 'MICRO' COAX ARE DELICATE:
 (i) HANDLE WITH CARE.
 (ii) DO NOT TWIST; APPLY EXCESSIVE FORCES OR SHARP BENDS TO THE CABLE. DO NOT FORCEFULLY DEFORM WIRES.
 (iii) CONSULT CONNECTOR MANUFACTURER'S DATASHEETS FOR DETAILED NOTES ON HANDLING INSTRUCTIONS.

ENVIRONMENTAL:

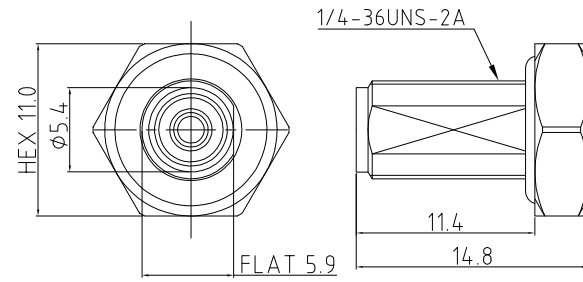
- A. BULKHEAD MOUNTED CONNECTOR (RFCT-SMA108-F37) RATED TO THE FOLLOWING SPECIFICATION:
- i. IP6X - DUST TIGHT - NO PARTICLE INGRESS.
 - ii. IPX7 WATERPROOF FOR 30 MINUTES UP TO 1 METER UNDERWATER.
 - iii. IPX8 WATERPROOF FOR 48 HOURS AT 1 METER UNDERWATER.

NOTES:

1. WORKING FREQUENCY RANGE: DC-8GHz.
2. OPERATING TEMPERATURE: -40°C TO +85°C.
3. IMPEDANCE: 50 Ohm.



I-PEX 4L DETAIL DRAWING



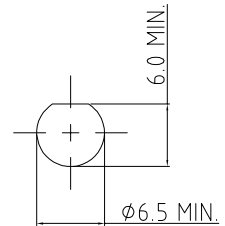
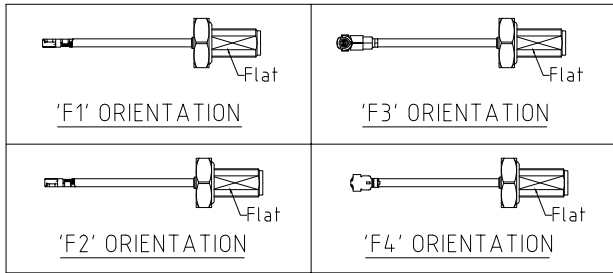
SMA JACK DETAIL DRAWING

HOW TO ORDER
 CAB530RF - X X X X - X X - X - 1

"L" LENGTH IN MM
 eg: 100MM = 0100
 (MIN. 0050-MAX.0400)
 STANDARD = 0100, 0150, 0200)
 Tolerance: 50-200mm: \pm 5mm.
 201-400mm: \pm 7mm.

WASHER AND NUT OPTIONS:
 BLANK = SEPERATELY PACKED (STANDARD)
 A = ASSEMBLED WITH CONNECTOR

ORIENTATION OPTIONS:
 BLANK = DOES NOT HAVE A FIXED ORIENTATION
 F1 = MHF CONNECTION DOWN (L=50-200MM)
 F2 = MHF CONNECTION UP (L=50-200MM)
 F3 = MHF CONNECTION AND D FLAT SAME ORIENTATION (L=50-200MM)
 F4 = MHF CONNECTION AND D FLAT OPPOSITE ORIENTATION (L=50-200MM)
 (SEE NOTES 1, 2, 3 AND DIAGRAMS FOR MORE INFORMATION)



RECOMMENDED SMA MOUNTING HOLE

REV. DATE & DRN TO 30/09/22 - NYW RELEASE 11/22/05/23 - NYW TO IP67 DESIGN CHANGE TO TIP TO FLAT

Scale: NTS	THIRD ANGLE	Unstated: X, XX, XXX	Tolerances: N/A, N/A, N/A
Drawn: NYW		ANGLES	N/A
App'd: XXX	Title CABLE ASSEMBLY		
Date: 22 MAY '23	Revision: 1.1	Unit: mm	

		Drawing Number: CAB530RF
IP67/68 Rated Cables	www.gradconn.com	Sheet 1 of 1
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